

Global United Technology Services Co., Ltd.

Report No.: GTS201808000161F01

FCC REPORT

Applicant: Shenzhen Hangshi Technology Co.,Ltd

Address of Applicant: Hangshi Technology Park, Democracy West Industry

Area, Shajing Town, Bao'an District, Shenzhen, China

Shenzhen Hangshi Technology Co., Ltd Manufacturer/Factory:

Address of Hangshi Technology Park, Democracy West Industry Area, Shajing Town, Bao'an District, Shenzhen, China

Manufacturer/Factory: **Equipment Under Test (EUT)**

Product Name: 2.4G Keyboard

Model No: HW126

FCC ID: 2AKHJHW126

Applicable standards: FCC CFR Title 47 Part 15 Subpart C Section 15.249

Date of sample receipt: Aug. 11, 2018

Date of Test: Aug. 20-31, 2018

Date of report issued: Sep. 03, 2018

PASS * Test Result:

In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:

Robinson Lo Laboratory Manager

This results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.



2 Version

Version No.	Date	Description
00	Sep. 03, 2018	Original

Prepared By:	Spanlly	Date:	Sep. 03, 2018	
	Project Engineer			
Check By:	Andy w	Date:	Sep. 03, 2018	
	Reviewer			



3 Contents

			Page
1	COVE	ER PAGE	1
2	VER	SION	2
_			_
3	CON	ITENTS	3
4	TES	T SUMMARY	4
	4.1	MEASUREMENT UNCERTAINTY	4
5	GEN	IERAL INFORMATION	5
	5.1	GENERAL DESCRIPTION OF EUT	
	5.2	TEST MODE	
	5.3	DESCRIPTION OF SUPPORT UNITS	
	5.4	TEST FACILITY	
	5.5	TEST LOCATION	
	5.6	OTHER INFORMATION REQUESTED BY THE CUSTOMER	
	5.7	ADDITIONAL INSTRUCTIONS	8
6	TES	T INSTRUMENTS LIST	9
7	TES	T RESULTS AND MEASUREMENT DATA	11
	7.1	ANTENNA REQUIREMENT	
	7.2	RADIATED EMISSION METHOD	
	7.2.1		
	7.2.2	The state of the s	
	7.2.3		
	7.3	20DB OCCUPY BANDWIDTH	23
8	TES	T SETUP PHOTO	25
9	EUT	CONSTRUCTIONAL DETAILS	26

Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102



Test Summary

Test Item	Section in CFR 47	Result
Antenna requirement	15.203	Pass
AC Power Line Conducted Emission	15.207	N/A
Field strength of the fundamental signal	15.249 (a)	Pass
Spurious emissions	15.249 (a) (d)/15.209	Pass
Band edge	15.249 (d)/15.205	Pass
20dB Occupied Bandwidth	15.215 (c)	Pass

Pass: The EUT complies with the essential requirements in the standard.

N/A: Not applicable.

Remark: Test according to ANSI C63.10: 2013 and ANSI C63.4: 2014.

4.1 Measurement Uncertainty

Test Item	Frequency Range	Measurement Uncertainty	Notes
Radiated Emission	9kHz ~ 30MHz	± 4.34dB	(1)
Radiated Emission	30MHz ~ 1000MHz	± 4.24dB	(1)
Radiated Emission	1GHz ~ 26.5GHz	± 4.68dB	(1)
AC Power Line Conducted Emission	0.15MHz ~ 30MHz	± 3.45dB	(1)



5 General Information

5.1 General Description of EUT

Product Name:	2.4G Keyboard
Model No.:	HW126
Serial No.:	HSHW12600003
Test sample(s) ID:	GTS201808000161-1
Sample(s) Status	Engineer sample
Hardware:	V 1.0
Software:	V 1.0
Operation Frequency:	2405MHz~2470MHz
Channel numbers:	8
Modulation type:	GFSK
Antenna Type:	PCB antenna
Antenna gain:	-1.2dBi
Power supply:	DC 2.4V by Ni-MH batteries



Operation Frequency each of channel						
Channel Frequency Channel Frequen						
01	2405MHz	05	2440MHz			
02	2413MHz	06	2450MHz			
03	2422MHz	07	2460MHz			
04	2430MHz	08	2470MHz			

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Channel	Frequency
The lowest channel	2405MHz
The middle channel	2430MHz
The Highest channel	2470MHz



5.2 Test mode

Transmitting mode Keep the EUT in continuously transmitting mode.

Remark: During the test, the dutycycle >98%, the test voltage was tuned from 85% to 115% of the nominal rated supply voltage, and found that the worst case was under the nominal rated supply condition. So the report just shows that condition's data.

Per-test mode.

We have verified the construction and function in typical operation, The EUT was placed on three different polar directions; i.e. X axis, Y axis, Z axis. which was shown in this test report and defined as follows:

Axis	Х	Y	Z
Field Strength(dBuV/m)	93.73	90.57	91.86

5.3 Description of Support Units

N/A

5.4 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

• FCC —Registration No.: 381383

Global United Technology Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fuly described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in files. Registration 381383, January 08, 2018.

• Industry Canada (IC) —Registration No.: 9079A-2

The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 9079A-2, August 15, 2016

5.5 Test Location

All tests were performed at:

Global United Technology Services Co., Ltd.

Address: No. 301-309, 3/F., Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102

Tel: 0755-27798480 Fax: 0755-27798960

5.6 Other Information Requested by the Customer

None.

Telephone: +86 (0) 755 2779 8480 Fax: +86 (0) 755 2779 8960



5.7 Additional instructions

Software (Used for test) from client

	Special software is used.
Mode	The software provided by client to enable the EUT under transmission
	condition continuously at specific channel frequencies individually.

Power level setup in software						
Test Software Name	N/A					
Test Software Version	N/A	N/A				
Support Units	Description	Manufacturer	Model			
(Software installation media)	N/A	N/A	N/A			
Mode	Channel	Frequency (MHz)	Soft Set			
GFSK	CH01	2405	TX LEVEL: Default			
	CH04	2430				
	CH08	2470				



6 Test Instruments list

Radi	Radiated Emission:						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)	
1	3m Semi- Anechoic Chamber	ZhongYu Electron	9.2(L)*6.2(W)* 6.4(H)	GTS250	July. 03 2015	July. 02 2020	
2	Control Room	ZhongYu Electron	6.2(L)*2.5(W)* 2.4(H)	GTS251	N/A	N/A	
3	EMI Test Receiver	Rohde & Schwarz	ESU26	GTS203	June. 27 2018	June. 26 2019	
4	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	GTS214	June. 27 2018	June. 26 2019	
5	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120 D	GTS208	June. 27 2018	June. 26 2019	
6	Horn Antenna	ETS-LINDGREN	3160	GTS217	June. 27 2018	June. 26 2019	
7	EMI Test Software	AUDIX	E3	N/A	N/A	N/A	
8	Coaxial Cable	GTS	N/A	GTS213	June. 27 2018	June. 26 2019	
9	Coaxial Cable	GTS	N/A	GTS211	June. 27 2018	June. 26 2019	
10	Coaxial cable	GTS	N/A	GTS210	June. 27 2018	June. 26 2019	
11	Coaxial Cable	GTS	N/A	GTS212	June. 27 2018	June. 26 2019	
12	Amplifier(100kHz-3GHz)	HP	8347A	GTS204	June. 27 2018	June. 26 2019	
13	Amplifier(2GHz-20GHz)	HP	84722A	GTS206	June. 27 2018	June. 26 2019	
14	Amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	GTS218	June. 27 2018	June. 26 2019	
15	Band filter	Amindeon	82346	GTS219	June. 27 2018	June. 26 2019	
16	Power Meter	Anritsu	ML2495A	GTS540	June. 27 2018	June. 26 2019	
17	Power Sensor	Anritsu	MA2411B	GTS541	June. 27 2018	June. 26 2019	
18	Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	GTS575	June. 27 2018	June. 26 2019	
19	Splitter	Agilent	11636B	GTS237	June. 27 2018	June. 26 2019	
20	Loop Antenna	ZHINAN	ZN30900A	GTS534	June. 27 2018	June. 26 2019	

Gene	ral used equipment:					
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	Humidity/ Temperature Indicator	KTJ	TA328	GTS243	June. 27 2018	June. 26 2019
2	Barometer	ChangChun	DYM3	GTS255	June. 27 2018	June. 26 2019



RF C	conducted Test:					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	MXA Signal Analyzer	Agilent	N9020A	GTS566	June. 27 2018	June. 26 2019
2	EMI Test Receiver	R&S	ESCI 7	GTS552	June. 27 2018	June. 26 2019
3	Spectrum Analyzer	Agilent	E4440A	GTS533	June. 27 2018	June. 26 2019
4	MXG vector Signal Generator	Agilent	N5182A	GTS567	June. 27 2018	June. 26 2019
5	ESG Analog Signal Generator	Agilent	E4428C	GTS568	June. 27 2018	June. 26 2019
6	USB RF Power Sensor	DARE	RPR3006W	GTS569	June. 27 2018	June. 26 2019
7	RF Switch Box	Shongyi	RFSW3003328	GTS571	June. 27 2018	June. 26 2019
8	EMI Test Receiver	R&S	ESCI 7	GTS552	June. 27 2018	June. 26 2019
9	Programmable Constant Temp & Humi Test Chamber	WEWON	WHTH-150L-40-880	GTS572	June. 27 2018	June. 26 2019



7 Test results and Measurement Data

7.1 Antenna requirement

Standard requirement: FCC Part15 C Section 15.203

15.203 requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

EUT Antenna:



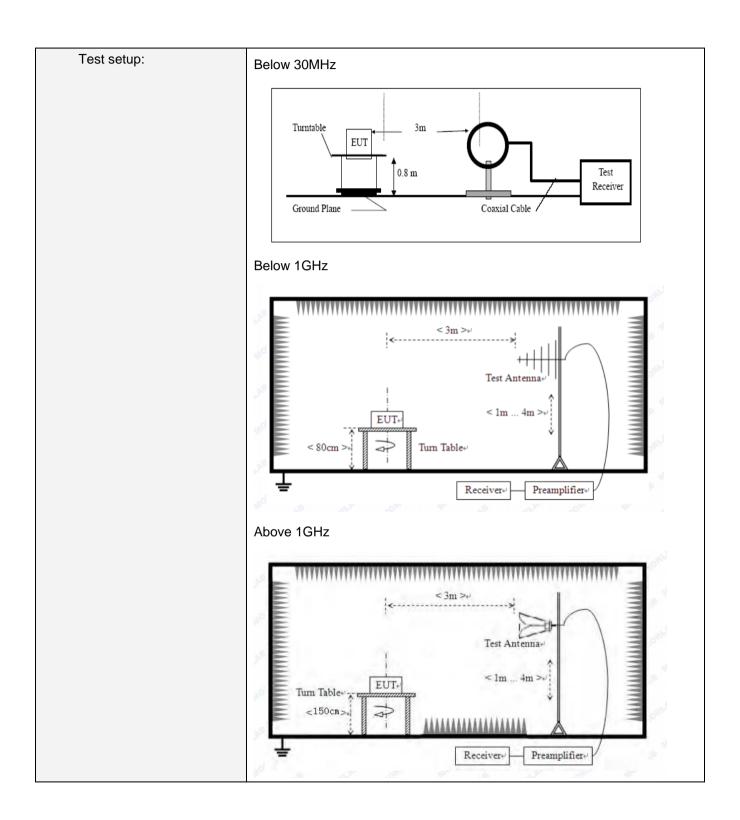
Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102 Telephone: +86 (0) 755 2779 8480 Fax: +86 (0) 755 2779 8960



7.2 Radiated Emission Method

	-								
Test Requirement:	FCC Part15 C Section 15.209								
Test Method:	ANSI C63.10:2013								
Test Frequency Range:	9kHz to 25GHz								
Test site:	Measurement Distar	nce: 3	m						
Receiver setup:	Frequency	D	etector	RB\	RBW V		Value		
	9KHz-150KHz	Qua	asi-peak	200H	-lz 60	0Hz	Quasi-peak		
	150KHz-30MHz	Qua	asi-peak	9KF	lz 30	KHz	Quasi-peak		
	30MHz-1GHz	Qua	asi-peak	100K	Hz 300)KHz	Quasi-peak		
	Above 1GHz		Peak	1MF	lz 3N	ЛHz	Peak		
	Above IGHZ		Peak	1MF	lz 10	Hz	Average		
Limit:	Frequency		Limit		m @3m)		Remark		
(Field strength of the fundamental signal)	2400MHz-2483.5	MHz	94.00				Average Value Peak Value		
Limit: (Spurious Emissions)	Frequency		Limit (uV/m)		Value		Measurement Distance		
,	0.009MHz-0.490M	lHz	2400/F(KHz)		QP		300m		
	0.490MHz-1.705M	lHz	24000/F(KHz)		QP		300m		
	1.705MHz-30MH	lz	30		QP		30m		
	30MHz-88MHz		100		QP				
	88MHz-216MHz	Z	150		QP				
	216MHz-960MH	z	200		QP		3m		
	960MHz-1GHz		500		QP		Sili		
	Above 1GHz		500		Averag	е			
	Above IGIIZ		5000)	Peak				
Limit: (band edge)	Emissions radiated of harmonics, shall be fundamental or to th whichever is the less	attenu e gen	uated by at eral radiate	t least 5	50 dB bel	ow the	level of the		







Test Procedure:	1. The EUT was placed on the top of a rotating table (0.8m for below 1G and 1.5m for above 1G) above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.
	The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
	 The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
	4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading.
	The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
	6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Measurement data:



7.2.1 Field Strength of The Fundamental Signal

Peak value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
2405.00	85.17	27.15	3.65	36.12	79.85	114.00	-34.15	Vertical
2405.00	98.13	27.15	3.65	36.12	92.81	114.00	-21.19	Horizontal
2430.00	84.59	27.22	3.66	36.19	79.28	114.00	-34.72	Vertical
2430.00	98.51	27.22	3.66	36.19	93.20	114.00	-20.80	Horizontal
2470.00	83.42	27.32	3.67	36.29	78.12	114.00	-35.88	Vertical
2470.00	99.03	27.32	3.67	36.29	93.73	114.00	-20.27	Horizontal

Average value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
2405.00	82.61	27.15	3.65	36.12	77.29	94.00	-16.71	Vertical
2405.00	95.82	27.15	3.65	36.12	90.50	94.00	-3.50	Horizontal
2430.00	82.22	27.22	3.66	36.19	76.91	94.00	-17.09	Vertical
2430.00	96.00	27.22	3.66	36.19	90.69	94.00	-3.31	Horizontal
2470.00	80.76	27.32	3.67	36.29	75.46	94.00	-18.54	Vertical
2470.00	96.53	27.32	3.67	36.29	91.23	94.00	-2.77	Horizontal



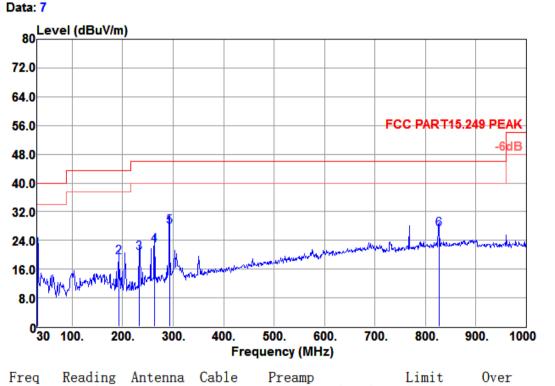
7.2.2 Spurious emissions

■ 9 kHz ~ 30 MHz

The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

■ Below 1GHz

Mode:	Transmitting mode	Test by:	Jason
Temp./Hum.(%H):	26℃/56%RH	Polarziation:	Horizontal

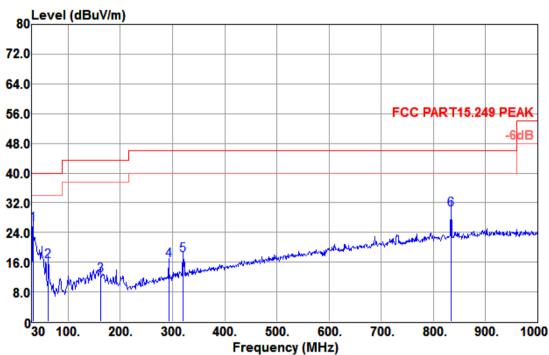


Freq MHz	Reading 1eve1 dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
31. 940	39. 83	13. 28	1. 00	32. 53	21. 58	40. 00	-18. 42	QP
191. 990	38. 69	10. 38	2. 78	32. 54	19. 31	43. 50	-24. 19	QP
233. 700	39. 08	10. 91	3. 02	32. 54	20. 47	46. 00	-25. 53	QP
263. 770	40. 05	11. 81	3. 25	32. 53	22. 58	46. 00	-23. 42	QP
292. 870	44. 23	12. 69	3. 42	32. 52	27. 82	46. 00	-18. 18	QP
826. 370	32. 49	21. 04	6. 05	32. 52	27. 08	46. 00	-18. 92	QP



Mode:Transmitting modeTest by:JasonTemp./Hum.(%H):26℃/56%RHPolarziation:Vertical





Freq MHz	Reading 1eve1 dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit 1evel dBuV/m	Over limit dB	Remark
32. 910 62. 010 161. 920 292. 870 320. 030 834. 130	44. 30 35. 09 28. 60 32. 89 33. 60 35. 60	13. 32 12. 32 14. 01 12. 69 13. 28	1. 04 1. 52 2. 49 3. 42 3. 56 6. 02	32. 53 32. 54 32. 52 32. 52 32. 51 32. 45	26. 13 16. 39 12. 58 16. 48 17. 93 30. 28	40. 00 40. 00 43. 50 46. 00 46. 00 46. 00	-13. 87 -23. 61 -30. 92 -29. 52 -28. 07 -15. 72	QP QP QP QP QP QP



■ Above 1GHz

	Test channel:	Lowest channel
--	---------------	----------------

Peak value:

i cak value.								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4810.00	54.64	31.24	5.44	36.27	55.05	74.00	-18.95	Vertical
7215.00	53.02	35.89	6.96	34.25	61.62	74.00	-12.38	Vertical
9620.00	51.15	37.82	7.79	34.13	62.63	74.00	-11.37	Vertical
12025.00	*					74.00		Vertical
14430.00	*					74.00		Vertical
4810.00	61.78	31.24	5.44	36.27	62.19	74.00	-11.81	Horizontal
7215.00	55.39	35.89	6.96	34.25	63.99	74.00	-10.01	Horizontal
9620.00	50.86	37.82	7.79	34.13	62.34	74.00	-11.66	Horizontal
12025.00	*					74.00		Horizontal
14430.00	*					74.00		Horizontal

Average value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4810.00	44.60	31.24	5.44	36.27	45.01	54.00	-8.99	Vertical
7215.00	42.76	35.89	6.96	34.25	51.36	54.00	-2.64	Vertical
9620.00	40.97	37.82	7.79	34.13	52.45	54.00	-1.55	Vertical
12025.00	*					54.00		Vertical
14430.00	*					54.00		Vertical
4810.00	51.17	31.24	5.44	36.27	51.58	54.00	-2.42	Horizontal
7215.00	44.18	35.89	6.96	34.25	52.78	54.00	-1.22	Horizontal
9620.00	40.87	37.82	7.79	34.13	52.35	54.00	-1.65	Horizontal
12025.00	*					54.00		Horizontal
14430.00	*					54.00		Horizontal

Remark:

^{1.} Final Level =Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor

^{2. &}quot;*", means this data is the too weak instrument of signal is unable to test.



Test channe	: Middle							
Peak value:								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4860.00	53.95	31.36	5.42	36.25	54.48	74.00	-19.52	Vertical
7290.00	52.54	36.07	7.18	34.33	61.46	74.00	-12.54	Vertical
9720.00	52.23	38.00	7.92	34.18	63.97	74.00	-10.03	Vertical
12150.00	*					74.00		Vertical
14580.00	*					74.00		Vertical
4860.00	59.00	31.36	5.42	36.25	59.53	74.00	-14.47	Horizontal
7290.00	54.41	36.07	7.18	34.33	63.33	74.00	-10.67	Horizontal
9720.00	50.48	38.00	7.92	34.18	62.22	74.00	-11.78	Horizontal
12150.00	*					74.00		Horizontal
14580.00	*					74.00		Horizontal
Average val	ue:							
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4860.00	42.27	31.36	5.42	36.25	42.80	54.00	-11.20	Vertical
7290.00	41.94	36.07	7.18	34.33	50.86	54.00	-3.14	Vertical
9720.00	40.52	38.00	7.92	34.18	52.26	54.00	-1.74	Vertical
12150.00	*					54.00		Vertical
14580.00	*					54.00		Vertical
4860.00	48.86	31.36	5.42	36.25	49.39	54.00	-4.61	Horizontal
7290.00	43.30	36.07	7.18	34.33	52.22	54.00	-1.78	Horizontal
9720.00	40.86	38.00	7.92	34.18	52.60	54.00	-1.40	Horizontal
12150.00	*					54.00		Horizontal
14580.00	*					54.00		Horizontal

Remark:

Final Level = Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor
 "*", means this data is the too weak instrument of signal is unable to test.



Test channel	Test channel: Highest							
Peak value:								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4940.00	55.06	31.56	5.37	36.22	55.77	74.00	-18.23	Vertical
7410.00	51.89	36.33	7.49	34.44	61.28	74.00	-12.72	Vertical
9880.00	49.85	38.28	8.04	34.25	61.93	74.00	-12.07	Vertical
12350.00	*					74.00		Vertical
14820.00	*					74.00		Vertical
4940.00	58.34	31.56	5.37	36.22	59.05	74.00	-14.95	Horizontal
7410.00	53.27	36.35	7.49	34.44	62.66	74.00	-11.34	Horizontal
9880.00	49.85	38.28	8.04	34.25	61.92	74.00	-12.08	Horizontal
12350.00	*					74.00		Horizontal
14820.00	*					74.00		Horizontal
Average value:								•
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4940.00	43.59	31.56	5.37	36.22	44.30	54.00	-9.70	Vertical
7410.00	41.76	36.33	7.49	34.44	51.15	54.00	-2.85	Vertical
9880.00	38.06	38.28	8.04	34.25	50.13	54.00	-3.87	Vertical
12350.00	*					54.00		Vertical
14820.00	*					54.00		Vertical
4940.00	48.03	31.56	5.37	36.22	48.74	54.00	-5.26	Horizontal
7410.00	42.46	36.35	7.49	34.44	51.85	54.00	-2.15	Horizontal
9880.00	40.37	38.28	8.04	34.25	52.44	54.00	-1.56	Horizontal
12350.00	*					54.00		Horizontal
14820.00	*					54.00		Horizontal

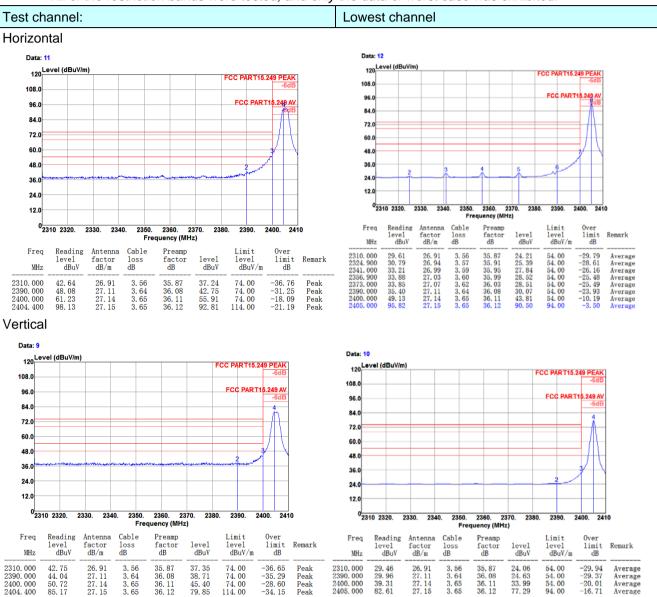
Remark:

- 1. Final Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. "*", means this data is the too weak instrument of signal is unable to test.
- 3. The emission levels of other frequencies are very lower than the limit and not show in test report.



7.2.3 **Bandedge emissions**

All of the restriction bands were tested, and only the data of worst case was exhibited.



2310.000

2390. 000 2400. 000

-35. 29 -28. 60

114.00

Peak Peak

3, 56 3, 64 3, 65 3, 65

36. 08 36. 11 36. 12

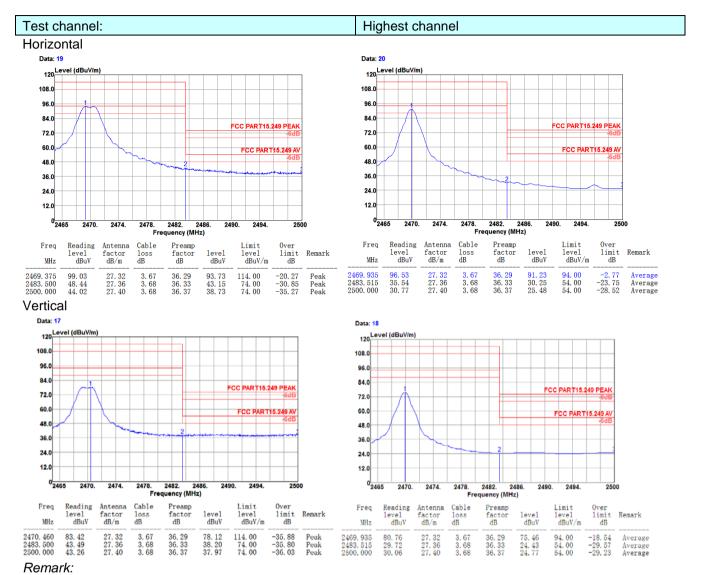
44. 04 50. 72 85. 17

2390.000 2400.000

-29. 94 -29. 37 -20. 01 -16. 71

Average Average Average Average



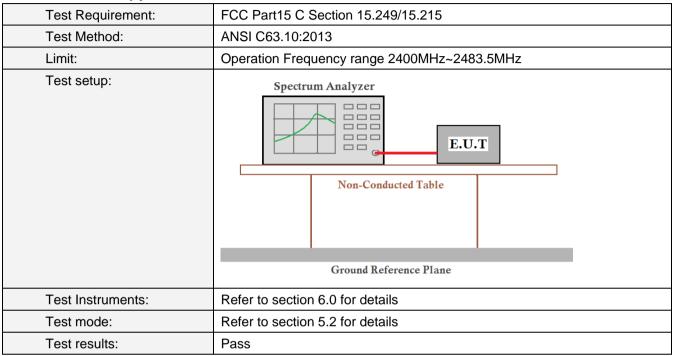


1. Final Level = Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor

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7.3 20dB Occupy Bandwidth



Measurement Data

Test channel	20dB bandwidth(MHz)	Result
Lowest	2.567	Pass
Middle	2.567	Pass
Highest	2.556	Pass

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Test plot as follows:



Lowest channel



Middle channel

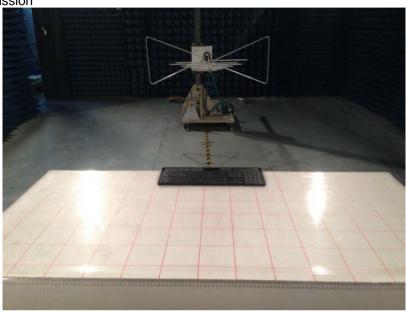


Highest channel



8 Test Setup Photo

Radiated Emission





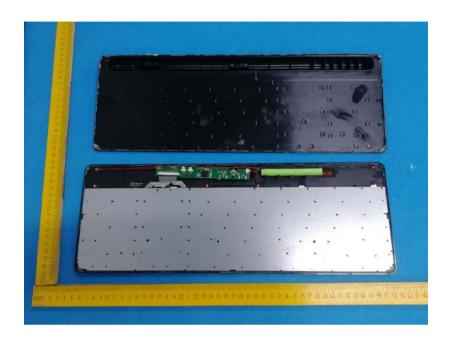


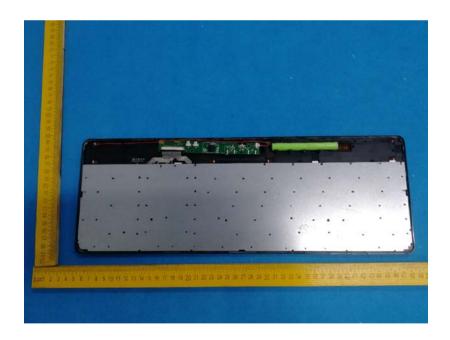
9 EUT Constructional Details



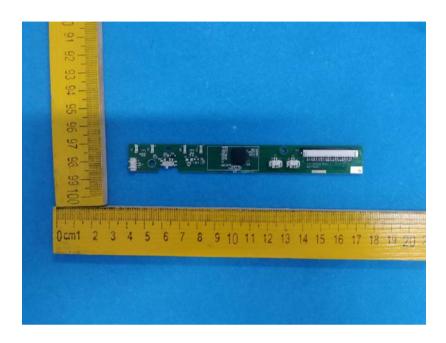


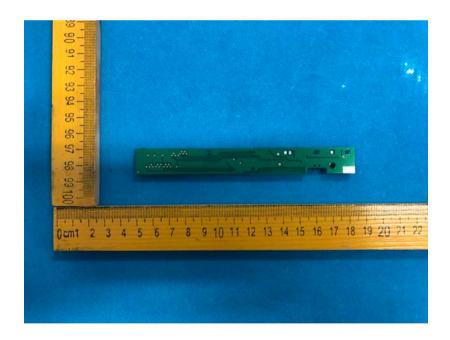






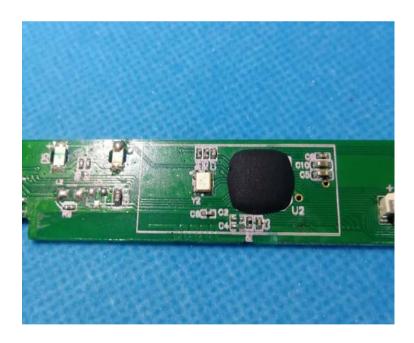












-----End-----